

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (PREVIOUSLY AMENDED) A method in a computer system for asynchronously notifying at least one application of state changes in a removable media storage device, comprising:

using a device driver, independently polling a removable media storage device associated with the device driver for one or more events corresponding to one or more of the state changes, wherein each event has a change notification; and

sending, by the device driver, the change notification to the at least one application.
2. (CURRENTLY AMENDED) The method as recited in claim 1, wherein the application is a library manager that enables multiple client applications to share one or more removable media storage device and manages removable media within an operating system.
3. (ORIGINAL) The method as recited in claim 1 further comprising registering, by the at least one application, for one or more change notifications desired to be received by the application.
4. (ORIGINAL) The method as recited in claim 1, wherein the change notifications include a globally unique identifier.
5. (ORIGINAL) A computer-readable medium having computer-executable instructions for performing the method recited in claim 1.

6. (ORIGINAL) A computer system having a processor, a memory, and an operating environment, the computer system operable to execute the method recited in claim 1.

7. (PREVIOUSLY AMENDED) A method in a computer system for asynchronously notifying at least one interested application of state changes in a removable media storage device, comprising:

initiating a task by a client application to be performed on a removable media storage device, said task resulting in a state change;

using a device driver associated with the removable media storage device, creating a change notification corresponding to the initiated task; and

notifying, by the device driver, the interested application of the change notification.

8. (CURRENTLY AMENDED) The method as recited in claim 7, wherein the interested application is a library manager that enables multiple client applications to share one or more removable media storage devices and manages removable media within an operating system.

9. (ORIGINAL) The method as recited in claim 7, further comprising registering for one or more change notifications desired by the interested application.

10. (PREVIOUSLY AMENDED) The method as recited in claim 7, wherein the initiated task alters the identification of media on the removable media storage device.

11. (ORIGINAL) The method as recited in claim 7, wherein the change notification includes a globally unique identifier.

12. (ORIGINAL) A computer-readable medium having computer-executable instructions for performing the method recited in claim 7.

13. (ORIGINAL) A computer system having a processor, a memory, and an operating environment, the computer system operable to execute the method recited in claim 7.

14. (PREVIOUSLY AMENDED) A computer system for notifying applications of state changes in removable media storage devices, the system comprising:

a device driver that polls an associated removable media storage device for state changes and provides change notifications corresponding to the state changes; and

one or more applications that receive the change notifications from the device driver.

15. (ORIGINAL) The computer system as recited in claim 14, wherein the one or more applications register for the change notifications that the one or more applications desire to receive from the device driver.

16. (ORIGINAL) The computer system as recited in claim 14, wherein the change notifications include a globally unique identifier.

17. (PREVIOUSLY AMENDED) A computer system for notifying interested applications of state changes in a removable media storage device, the system comprising:

an application that initiates a task to be performed on the removable media storage device, the task resulting in a state change; and

a device driver that provides a change notification to the interested applications based upon the task.

18. (ORIGINAL) The computer system as recited in claim 17, wherein the interested application registers for the change notification.

19. (PREVIOUSLY PRESENTED) The method of claim 1, where in the polling is done in kernel mode.

20. (PREVIOUSLY PRESENTED) The computer system of claim 14, wherein the polling is done in kernel mode.

21. (PREVIOUSLY PRESENTED) The computer system of claim 14, wherein the device driver comprises a class driver and a device-specific mini driver.

22. (PREVIOUSLY PRESENTED) The computer system of claim 21, wherein the class driver does the polling.

23. (PREVIOUSLY PRESENTED) The computer system of claim 21, wherein the class driver provides the change notification.

24. (PREVIOUSLY PRESENTED) The computer system of claim 17, wherein the device driver comprises a class driver and a device-specific mini driver.

25. (PREVIOUSLY PRESENTED) The computer system of claim 24, wherein the class driver provides the change notification.

26. (PREVIOUSLY PRESENTED) The method of claim 1, further comprising registering, by a second application, for one or more change notifications desired to be received by the second application.

27. (PREVIOUSLY PRESENTED) The method of claim 26, wherein the second application is a client application.

28. (PREVIOUSLY PRESENTED) The method of claim 7, further comprising registering for one or more change notifications desired by a second application.

29. (PREVIOUSLY PRESENTED) The method of claim 28, wherein the second application is a client application.

30. (PREVIOUSLY AMENDED) The method of claim 4, wherein the change notification is based on a sense code from the removable media storage device.

31. (PREVIOUSLY AMENDED) The method of claim 11, wherein the change notification is based on a sense code from the removable media storage device.

32. (PREVIOUSLY AMENDED) The method of claim 16, wherein the change notification is based on a sense code from the removable media storage device.

33. (CURRENTLY AMENDED) The computer system of claim 14, further comprising a database that is updated by a library manager with an action taken in response to the change notification, wherein the library manager is an application that enables multiple client applications to share one or more removable media storage devices and manages removable media within an operating system.

34. (CURRENTLY AMENDED) The computer system of claim 17, further comprising a database that is updated by a library manager with an action taken in response to the change notification, wherein the library manager is an application that enables multiple client applications to share one or more removable media storage devices and manages removable media within an operating system.